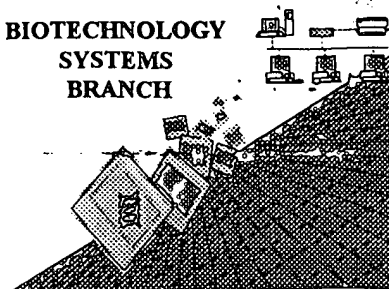


RAW SEQUENCE LISTING
ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/642,744

Source: OIPK

Date Processed by STIC: 8/29/2000

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR FURTHER INFORMATION, PLEASE TELEPHONE MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October-1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING DATE: 08/29/2000
 PATENT APPLICATION: US/09/642,744 TIME: 16:56:52

Input Set : A:\IOWA026US.txt
 Output Set: N:\CRF3\08292000\I642744.raw

Does Not Comply
 Corrected Diskette Needed

3 <110> APPLICANT: TACK, BRIAN
 4 MCCRAY, PAUL
 5 WELSH, MICHAEL
 6 TRAVIS, SUE M.
 7 LEHRER, ROBERT
 9 <120> TITLE OF INVENTION: ALPHA HELICAL PEPTIDES WITH BROAD SPECTRUM
 10 ANTIMICROBIAL ACTIVITY THAT ARE INSENSITIVE TO SALT
 12 <130> FILE REFERENCE: IOWA:026US
 C-14 <140> CURRENT APPLICATION NUMBER: US/09/642,744
 15 <141> CURRENT FILING DATE: 2000-08-18
 17 <150> PRIOR APPLICATION NUMBER: 60/149,886
 18 <151> PRIOR FILING DATE: 1999-08-18
 20 <160> NUMBER OF SEQ ID NOS: 28
 22 <170> SOFTWARE: PatentIn Ver. 2.0

ERRORED SEQUENCES

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 149 <211> LENGTH: 16 14
 150 <212> TYPE: PRT
 151 <213> ORGANISM: Ovis aries
 153 <400> SEQUENCE: 11
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 E--> 155 1 5 10 15 ?
 168 <210> SEQ ID NO: 13
 169 <211> LENGTH: 16 14
 170 <212> TYPE: PRT
 171 <213> ORGANISM: Ovis aries
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 191 <213> ORGANISM: Ovis aries
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 203 <400> SEQUENCE: 16
 204 Arg Arg Ile Ile Arg Lys Ile Ile His Ile Ile Lys Lys
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 208 <210> SEQ ID NO: 17

RAW SEQUENCE LISTING

DATE: 08/29/2000

PATENT APPLICATION: US/09/642,744

TIME: 16:56:52

Input Set : A:\IOWA026US.txt

Output Set: N:\CRF3\08292000\I642744.raw

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333 <212> TYPE: PRT
334 <213> ORGANISM: Ovis aries
336 <400> SEQUENCE: 27
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338 1 5 10 15
340 Tyr Gly Pro Thr Val Leu Arg Ile Ile Arg Ile Ala
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345 <211> LENGTH: 31
346 <212> TYPE: PRT
347 <213> ORGANISM: Ovis aries
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350 Lys Asn Leu Arg Arg Ile Ile Arg Lys Ile Ile His Ile Ile Lys Lys
351 1 5 10 15
353 Tyr Gly Pro Thr Ile Leu Arg Ile Ile Arg Ile Ile Gly
E--> 354 20 25

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VERIFICATION SUMMARY

DATE: 08/29/2000

PATENT APPLICATION: US/09/642,744

TIME: 16:56:53

Input Set : A:\IOWA026US.txt

Output Set: N:\CRF3\08292000\I642744.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application Number
L:155 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:11
L:155 M:252 E: No. of Seq. differs, <211>LENGTH:Input:16 Found:14 SEQ:11
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